

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
YOR9-2001-0319-US1

SERIAL NO.

10039635  
Unknown

APPLICANT(S)  
Black et al.

FILING DATE  
Concurrently Herewith

GROUP

2881  
Unknown

10039635  
01/02/02  
C97

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CJ	3,180,835	04/27/65	Peri			
CJ	3,531,413	09/29/70	Rosenzweig			
CJ	3,814,696	06/04/74	Verdone et al.			
CR	3,965,046	06/22/76	Deffeyes			
CR	4,006,047	02/01/77	Brummett et al.			
CR	4,063,000	12/13/77	Aonuma et al.			
CJ	4,687,596	08/18/87	Borduz et al.			
CJ	4,728,591	03/01/88	Clark et al.			
CJ	4,877,647	10/31/89	Klabunde			
CJ	4,940,596	07/10/90	Wright			
CJ	5,147,841	09/15/92	Wilcoxon			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CJ	WO 98/22942	05/28/98	EPO			✓	
CJ	EP 0 977 212 A2	02/02/00	EPO			✓	
CJ	EP 0 686 448 A2	12/13/95	EPO			✓	
CJ	EP 9 469 714 A2	12/11/91	EPO			✓	
CJ	EP 0 113 281 A1	07/11/84	EPO				✓

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

D.L. Peng et al., "Characteristic Tunnel-Type Conductivity and Magnetoresistance in a CoO-Coated Monodispersive Co Cluster Assembly", Applied Physics Letters, Volume 74, Number 1, January 4, 1999, pp. 76-78.

Sanker et al., "Spin-Dependent Tunneling in Discontinuous Co-SiO<sub>2</sub> Magnetic Tunnel Junction", Applied Physics Letter Volume 73, Number 4, July 27, 1998, pp. 535-537.

EXAMINER

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6-13-2003

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTY DOCKET NO.  
YOR9-2001-0319-051

SERIAL NO. 0039635

**APPLICANT(S)**

**FILING DATE**

**GROUP**

2881

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ch	5,160,452	11/03/92	Marutsuka et al.			
Ch	5,240,493	08/31/93	Zhen et al.			
Ch	5,304,382	04/19/94	Monzyk			
Ch	5,491,219	02/13/96	Mann			
Ch	5,505,996	04/09/96	Nagayama			
Ch	5,580,492	12/03/96	Bonnemann et al.			
Ch	5,698,483	12/16/97	Ong et al.			
Ch	5,766,764	06/16/98	Olli et al.			
Ch	5,824,409	10/20/98	Sellmyer et al.			
Ch	5,843,569	12/01/98	Kaitsu et al.			
Ch	5,914,361	06/22/99	Inui et al.			

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Toshima, et al., "Polymer-protected Palladium-Platinum Bimetallic Clusters: Preparation, Catalytic Properties and Structural Considerations", CHEM. SOC. FARADAY TRANS., 1993, 89(14), pp. 2537-2543.

Murray, et al., "Self-Organization of CdSe Nanocrystallites into Three-Dimensional Quantum Dot Superlattices", SCIENCE Vol. 270, November 24, 1995, pp. 1335-1338.

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APPLICANT(S) Black et al.		FILING DATE Concurrently Herewith	
		GROUP <u>2887</u> <u>Unknown</u>	

**INFORMATION DISCLOSURE CITATION**  
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ATTY DOCKET NO.  
YOR9-2001-0319-US1

SERIAL NO

16039635  
Junkhouse

**APPLICANT(S)**  
**Black et al.**

**FILING DATE**  
**Concurrently Herewith**

GROUP

2887

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## **FOREIGN PATENT DOCUMENTS**

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Toyoharu Hayashi, "Catalytic Applications of Gas Evaporated Ultra-Fine Particles", Ultra-Fine Particles: Exploratory Science and Technology, Noyes Publications, 1997, pp. 355-368.

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**INFORMATION DISCLOSURE CITATION**  
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Docket Number (Optional) <b>YOR9-2001-0319-US</b>	Application Number <b>10/1039,635</b> Unknown
Applicant(s) <b>Black et al.</b>	Filing Date <b>Concurrently Herewith</b>
	Group Art Unit <b>Unknown 288</b>

EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
er	Schaadt et al., "Characterization and Analysis of a Novel Hybrid Magnetoelectronic Device for Magnetic Field Sensing", J. Vac. Sci. Technol., Volume 18, No. 4, July/August, 2000, pp. 1834-1837.
cr	Inomata et al., "Spin-Dependent Tunneling Through Layered Ferromagnetic Nanoparticles", Applied Physics Letters, Volume 73, Number 8, August 24, 1998, pp. 1143-1145.
cr	Gerber et al., "Magnetoresistance of Granular Ferromagnet - Insulator Films", Thin Solid Films 304 (1997) pp. 319-322.
cr	Rechrakos et al., "Scaling Behavior of the Giant Magnetoresistance of Magnetic Aggregates", Physical Review B, Volume 63, pp. 13442-1 - 134422-5.
cr	Moodera et al., Ferromagnetic-Insulator-Ferromagnetic Tunneling: Spin-Dependent Tunneling and Large Magnetoresistance in Trilayer Junctions (Invited), J. Appl. Phys. 79 (8), April 15, 1996, pp. 4724-4729.
py	Sun et al., "Controlled Assembly of Monodisperse E-Cobalt-Based Nanocrystals", Mat. Res. Soc. Symp. Proc. Vol. 577, 1999 Materials Research Society, pp. 385-398.
py	Shouheng Sun Murry, C.B., "Synthesis of Monodisperse Cobalt Nanocrystals and their Assembly into Magnetic Superlattices (Invited)", J. Appl. Phys. (USA), Vol. 85, No. 8, April 15, 1999, pp. 4325-30.
cr	Black et al., "Spin Dependent Tunneling in Self Assembled Cobalt Nanocrystal Superlattices", Science (USA) Vol. 290, No. 290, No. 5494, Nov. 2000, pp. 1131-4.
cr	Li, et al., "Magnetic Recording on FePt and FePtB Intermetallic Compound Media", IEEE Transactions on Magnetics, Vol. 35, No. 2, March 1999, pp. 1077-1082.
py	Kuo, et al., "Microstructure and magnetic properties of Fe Pt alloy films", Journal of Applied Physics, Volume 85, Number 4, 15 February 1999, pp. 2264-2269.
pj	Cebollada, et al., "Enhanced magneto-optical Kerr effect in spontaneously ordered FePt alloys: Quantitative agreement between theory and experiment", Physical Review B, Volume 50, Number 5, 1 August 1994-1, pp. 3419-3421.

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*Willy A. Huff*

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